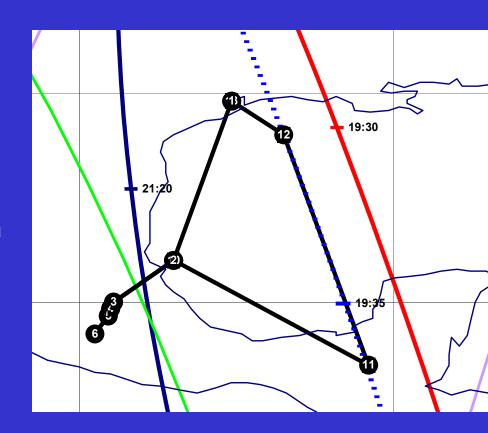
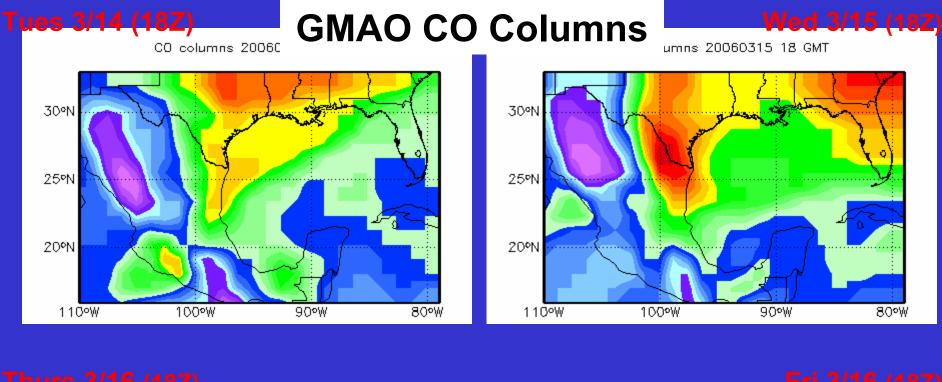
# Plan for INTEX-B Flight #7 – Houston local 5 on Thursday 3/16 updated 3/14 @12Z

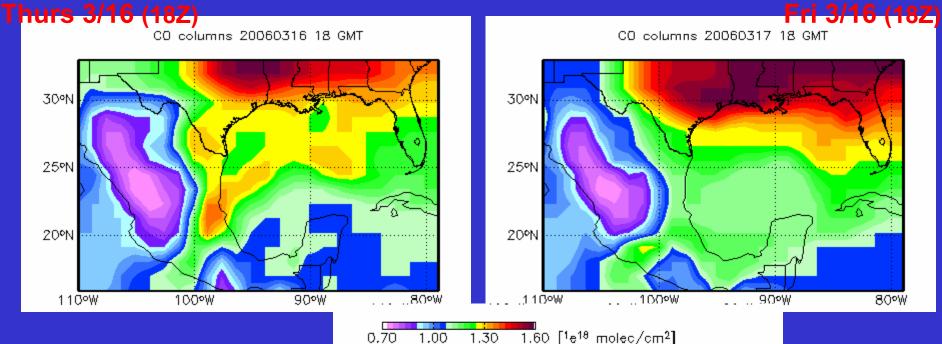
#### **Objectives:**

- 1. Plume scouting and DIAL curtain over the Mexico City Plume
- 2. Overpass and in situ characterization of the boundary layer over Mexico City (and T sites)
- 3. Aerosol characterization spiral with J-31
- 4. Sample convected biomass burning emissions
- 5. TES validation track



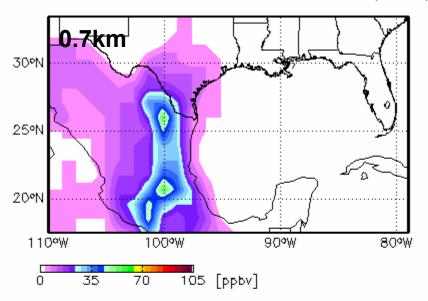
- Take-off at 0830
- Points 2-6: High altitude pass for DIAL
- Points 6-10: Low altitude profiling and boundary layer characterization
- Points 10-11: profiling and J-31 spiral
- Points 11: TES spiral
- Points 11-12: Profiling under TES overpass



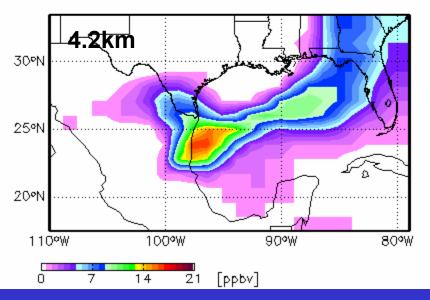


## AO Central Am. FF CO

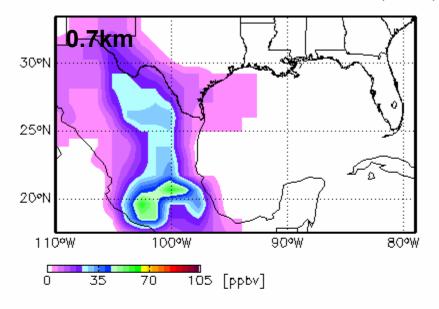
C. American FF CO 20060316 18 GMT at 930 hPa (0.7 km)



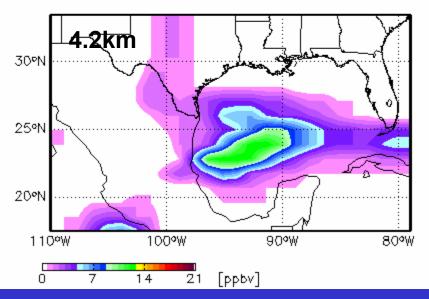
C. American FF CO 20060316 18 GMT at 600 hPa (4.2 km)



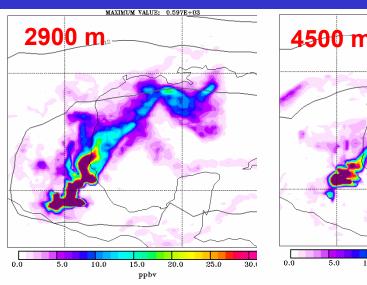
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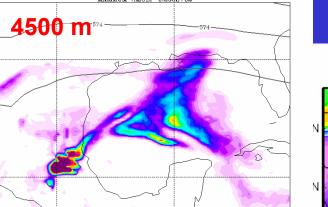


C. American FF CO 20060317 18 GMT at 600 hPa (4.2 km)



#### FLEXPART MC CC



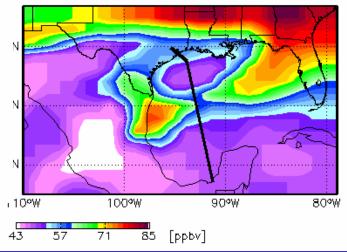


20.0

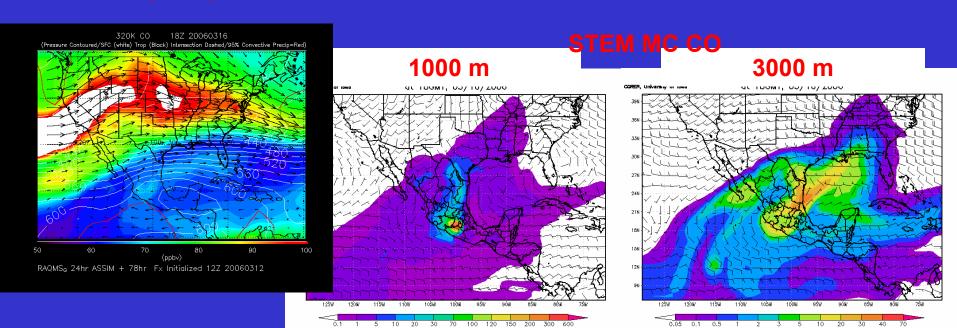
ppbv

### **GMAO CO (4200m)**

CO 20060316 18 GMT at 600 hPa (4.2 km)



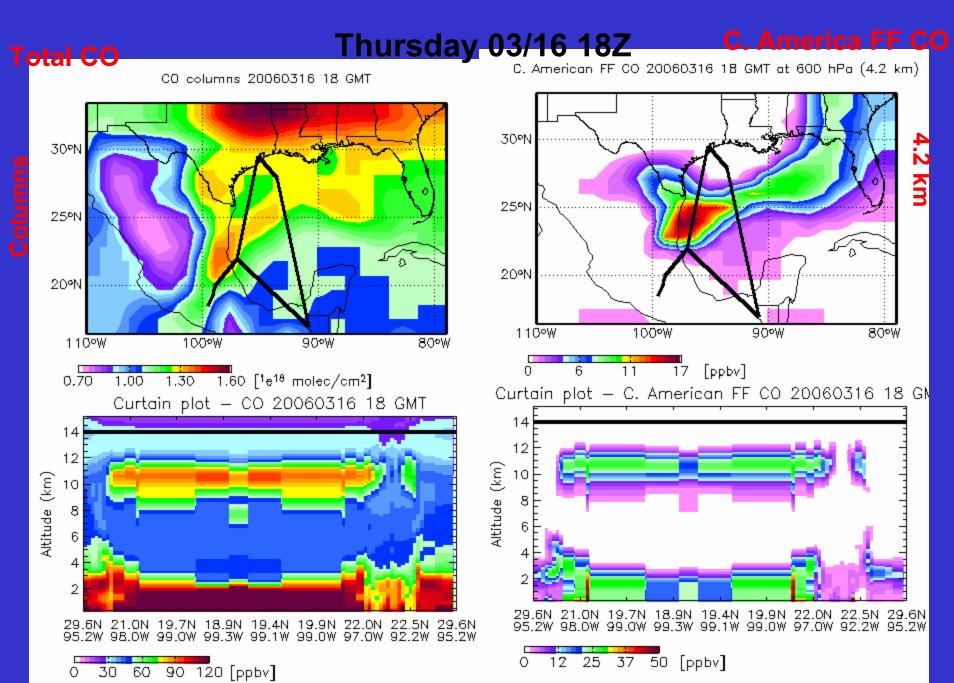
#### RAQMS CO (320K

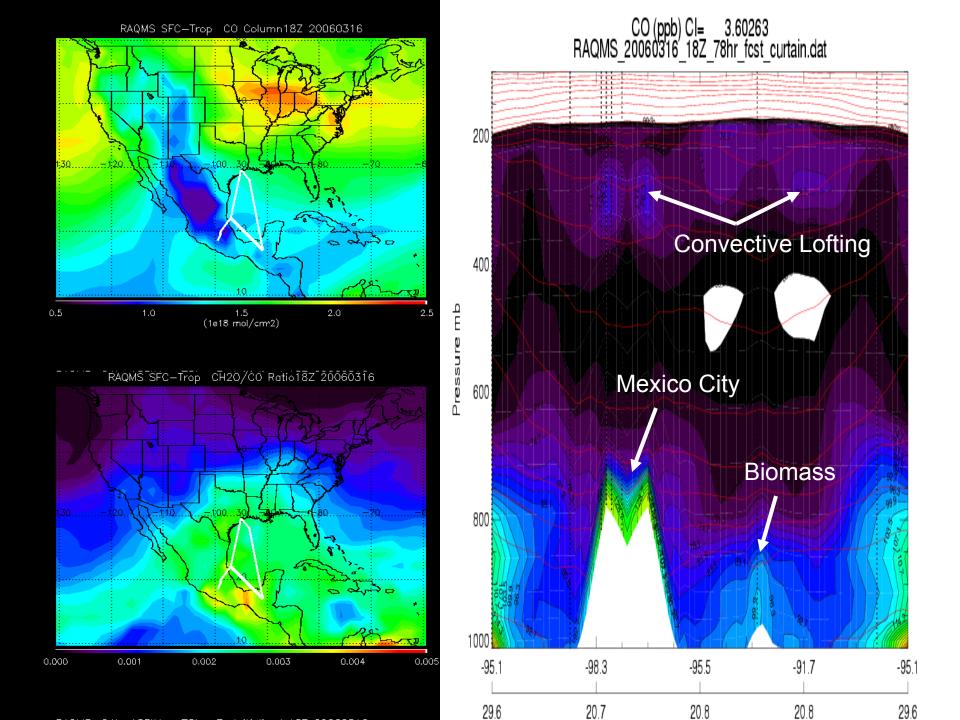


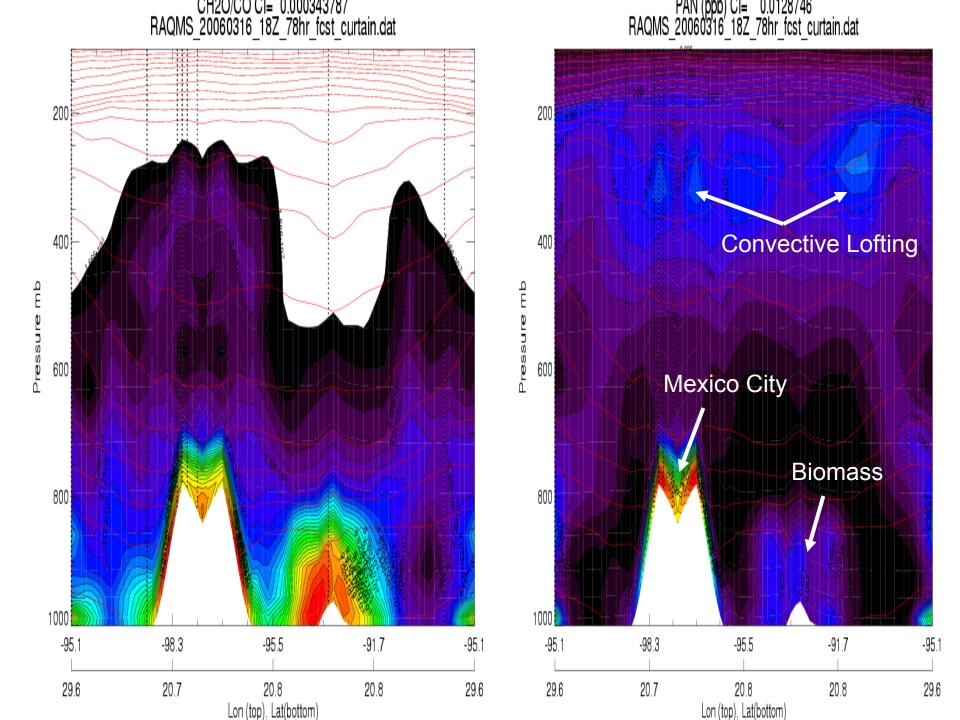
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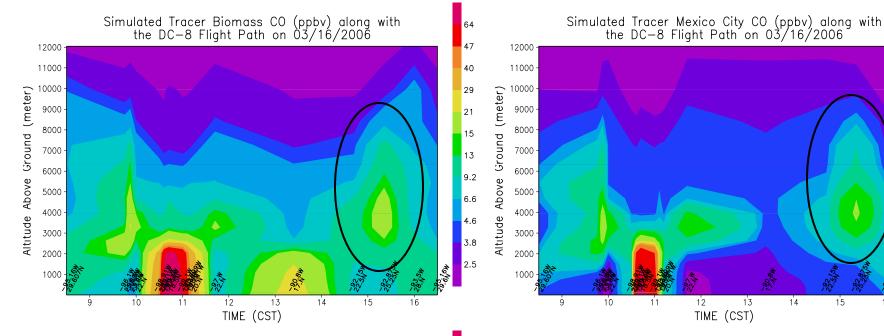
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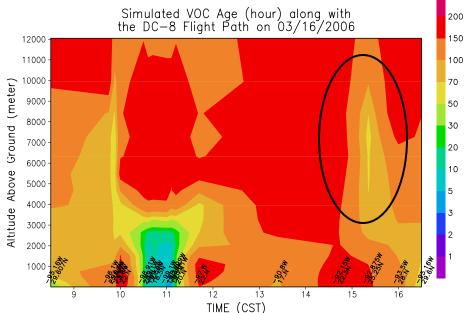
#### **GMAO 20060313 12Z Forecast:**











Mexico City outflow will mixed with biomass burning airmass and go to downwind of Mexico city. Along the proposed Thursday flight path, we will See relatively fresh airmass from 4 -8km

280

160

94

71

23

13

7.1

3.8

2.7

1.3

15

## **Adjoint Influence Region**

